

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20070170538"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/26 14:22
S2	14	((CHRISTOPHE) near2 (REGNIER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/26 14:24
S3	1	((AURELIE) near2 (HUMBERT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/26 14:24
S5	2611	257/532.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 14:24
S6	759	257/499.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 14:25
S7	2	"5296408".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/26 14:30
S8	8578	vacuum same ((integrated adj2 circuit) or (micro adj2 electronic) or semiconductor) same (fabricat\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/26 14:32
S9	20	S8 and (S5 or S6)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/26 14:33
S10	8	((("20020068430") or ("5,666,000") or ("20030234423") or ("5,296,408")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/16 22:39
S11	1	10/589275	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 22:39

S12	46	("4870029"   "5011793"   "5112436"   "5203731"). PN. OR ("5296408"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/16 22:52
S13	4479	mim near3 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:00
S14	1392	S13 and "438"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:00
S15	101	S14 and (electrode with (void air gap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:10
S16	889	("bottom electrode" "lower electrode") same (dielectric with (air void gap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:14
S17	556	S16 and capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:15
S18	342	capacitor and (si silicon) with (al aluminum) with (absorb\$4 absorption)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:25
S19	48	S18 and (dielectric with (air void gap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:26
S20	4157	capacitor and (si silicon) with sacrificial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:31

S21	10	S18 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:32
S22	6	("20040100677"   "4572615"   "5949571"   "6034807"   "6282010"). PN. OR ("7187487"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/16 23:33
S23	4581	(si silicon) with (al aluminum) with (absorb \$4 absorption)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:35
S24	14885	(si silicon) with sacrificial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:35
S25	34	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 23:35
S26	6	("5656816"   "6080988"   "6091050"   "6198098"   "6469301"   "6621083"). PN. OR ("7241998"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/16 23:37
S27	299	(438/621,319).CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 19:54
S28	2	("20020068430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 19:55
S29	2	("5666000").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 19:55

S30	2	("20030234423").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 19:55
S31	2	("5296408").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 19:56
S32	3736	(257/532,499).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 21:01
S33	304	(438/621,319).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 21:01
S34	1	(10/589275).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 21:01
S35	6	("5296408") or ("6147000") or ("6140200").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 21:18
S36	3825	(257/532,499).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 12:58
S37	307	(438/621,319).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 12:59
S38	1547	(438/589,667).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 13:51

S39	1231	(438/660,422).CQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 14:39
S40	2737	(438/674,618).CQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 15:26
S41	6169	sacrificial\$3 with (empty void air gap air adj gap \$4)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 15:54
S42	274	S41 and substrate with absorb\$4	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 15:56
S43	15708	sacrificial\$3 with (cavity recess trench open\$3 hole)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 15:57
S44	436	S43 and substrate with absorb\$4	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 15:57
S45	317	(S42 or S44) and (absorb \$3 with (silicon "si" germanium "ge" phosphorus "p" arsenic "as" antimony "sb"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:04
S46	582	(S42 or S44) and (silicon "si" germanium "ge" phosphorus "p" arsenic "as" antimony "sb")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:04
S47	203	(S42 or S44) and "257"/\$. ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:04
S48	162	(S42 or S44) and "438"/\$. ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:05
S49	81	(S42 or S44) and (selenium "se" tellurium "te")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:29
S50	7010	sacrificial with (cobalt "co" nickel "ni" titanium "ti" tantalum "ta" tungsten "w" molybdenum "mo" silver "ag" gold "au" iron "fe" chromium "cr")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:35

S51	7010	S50 and (silicon "si" germanium "ge" phosphorus "p" arsenic "as" antimony "sb" selenium "se" tellurium "te")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:36
S52	1114	(absorption absorb\$4) with sacrificial	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:38
S53	146	S51 and S52	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:38
S54	371	((absorption absorb\$4) with sacrificial\$3) and "257"/\$.cls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:41
S55	299	((absorption absorb\$4) with sacrificial\$3) and "438"/\$.cls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 16:42
S56	2507	(257/e21.008).CCLS.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 20:47
S57	2427	sacrificial\$3 with (empty void air gap air adj gap\$4 vacuum) and ((dielectric insulat\$3) with (empty void air gap air adj gap\$4 vacuum))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 20:57
S58	1124	S57 and "257"/\$.cls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 20:58
S59	847	S57 and "438"/\$.cls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 20:58
S60	73	S57 and (absorpt\$4 absorb\$4) with sacrificial \$3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 21:04
S61	6599	sacrificial\$3 with (empty void air gap air adj gap\$4 vacuum)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 21:12
S62	173	S61 and (absorpt\$4 absorb\$4) with sacrificial \$3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 21:13
S63	14	((CHRI STOPHE) near2 (REGNIER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:28
S64	3	((AURELIE) near2 (HUMBERT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:28

S65	8	("20020068430"   "20030234423"   "5296408"   "5666000"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:31
S66	6	("3702427"   "4475120"   "5248564"   "5514564"). PN. OR ("5666000"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:34
S67	8	("4169000"   "5466630"   "5658811"   "5666000"   "5856225"   "5929508"   "6005285"   "6074899"). PN. OR ("6893928"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:34
S68	21	("4956693"   "5384477"   "5518943"   "5723896"   "5747371").PN. OR ("6005285").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:34
S69	25	("5929508").URPN.	USPAT	OR	ON	2010/07/28 22:34
S70	12	("3966577"   "4144099"   "4385975"   "4608096"   "4796073"   "5084408"   "5237199"   "5372952"   "5416041"   "5448102"   "5482869"   "5757063"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:35
S71	6	("3702427"   "4475120"   "5248564"   "5514564"). PN. OR ("5666000"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:35
S72	39	("4902645"   "5073512"   "5175119"   "5194926"   "5399508"   "5413949"   "5444008"   "5464782"   "5571738").PN. OR ("5658811").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:35
S73	1	wo-0227770-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:39
S74	2	("6690570").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 22:41
S75	20	("5583359").PN. OR ("6690570").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:41

S76	1	wo-0199163-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:42
S77	2	("6570210").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 22:42
S78	25	("5245505"   "5583359"   "5645976"   "5898982"   "5903492"   "6288446"). PN. OR ("6570210"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:42
S79	1	wo-0175983-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:43
S80	2	("6297524").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 22:43
S81	24	("5583359"   "5753949"). PN. OR ("6297524"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 22:43
S82	817287	(cavity recess trench open \$3 hole) with (cobalt "co" nickel "ni" titanium "ti" tantalum "ta" tungsten "w" molybdenum "mo" silver "ag" gold "au" iron "fe" chromium "cr" selenium "se" tellurium "te")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 22:46
S83	173664	S82 and (cavity recess trench open\$3 hole) with (empty void air gap air adj gap\$4 vacuum\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 22:48
S90	817287	(cavity recess trench open \$3 hole) with (cobalt "co" nickel "ni" titanium "ti" tantalum "ta" tungsten "w" molybdenum "mo" silver "ag" gold "au" iron "fe" chromium "cr" selenium "se" tellurium "te")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 22:57



S91	173664	S90 and (cavity recess trench open\$3 hole) with (empty void air gap air adj gap\$4 vacuum\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 22:57
S92	32518	S91 and (absorpt\$4 absorb\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:57
S93	945	S92 and sacrificial\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:58
S94	905	S93 and (semiconductor chip die wafer ic integrated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 22:59
S95	800	S94 and (cavity recess trench open\$3 hole) with (substrate "si" silicon dielectric insulat\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/07/28 23:01
S96	45	S91 and (absorpt\$4 absorb\$4) with sacrificial \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 23:02
S97	13	("20040084712"   "20040125472"   "20040266102"   "20050087879"   "20050176210"   "5240871"   "5266512"   "5763286"   "6211009"   "6461910"   "6461911"   "6924189"   "7071071"). FN. OR ("7629262"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 23:04
S98	2	(sacrificial\$3 with (melt\$3 adj point "mp") with (absorb\$3 absorb\$4)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 23:14

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S84	2990	(257/532,499).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:20
S85	294	(438/621,319).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:20
S86	1573	(438/589,667).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:20
S87	1215	(438/660,422).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:21
S88	2740	(438/674,618).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:21
S89	2388	(257/e21,008).CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/28 22:22

7/ 29/ 10 12:46:24 PM

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